

INFORMATION REPORT

REPORT NO.

CD NO.

COUNTRY East Germany

DATE DISTR. 1 October 1953

SUBJECT Radar Development at Funkwerk Koenenick

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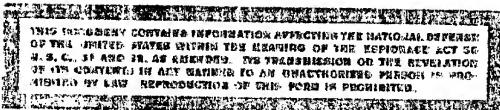
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SUPPLEMENT TO
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THIS IS UNEVALUATED INFORMATION

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SOURCE

1. The management of Funkwerk Koenenick has spread the rumor that work on the anti-collision radar device (Kollisionsschutzverraet) under the direction of Rudolf Manthey has been discontinued and that Manthey and his technical staff have been assigned other tasks. According to this rumor the work was discontinued as a result of the new line in East German politics whereby all work for immediate military purposes was to be canceled in favor of an increase in consumer goods production.

2. The rumor, however, is in contradiction to the facts. Work on the anti-collision radar device has not been discontinued, and Manthey and his staff have not been assigned other tasks. The rumor seemed to be borne out by the following facts:

- a. In July 1953 most of Manthey's co-workers took their regular leave so that only Manthey and three of his technicians continued the work.
- b. In June, July and the first part of August 1953, development of the anti-collision radar device did not progress because Manthey and his staff were mainly engaged in carrying out measurements preparatory to the final tests of the device.

Tests previously undertaken seemed to indicate that the range of the device was 15 kilometers, that is, half of the distance which the device is supposed to cover after its completion. However, recent measurements proved that the present actual range is only 12 kilometers, and that the belief that the device covered a range of 15 kilometers was based on errors of time measurement. Accordingly, the ultimate range which the device is expected to cover after its completion was reduced to 20 kilometers.

The object of work currently being done on the receiver for the anti-collision device is to render the initial receiver elements (Empfaenger-elemente) more sensitive.

CLASSIFICATION SECRET

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